

BGA glider data sheet - Bergfalke II/55

Data source: BGA & FAA data

Date of issue:

Manufacturer: Scheibe Flügzeughbau, August-Pfaltz, and Str.23, 8060 Dachau bei München, Germany

UK Agent: Phone:

Fax:

Link to mandatory mods:

Weighing Data:

	Kg	Pounds
Max weight	440	970
Max weight of non lifting components (everything except wings)		
Max pilot weight (seat load)		
	Mm	Inches
Forward C of G limit (aft of datum)	77	3.03
Aft C of G limit (aft of datum)	279	10.98
Front pilot position (forward)	1021	40.2
Rear pilot position (aft of datum)	100	3.94

Control deflections in degrees

	Up	Down	Distance - hinge to measuring point
Ailerons	27.5°	8.5°	
Elevator	22.5°	22.5°	
Rudder	Left & right 30°		
Trim			

Longitudinal datum: Wing root LE

Horizontal datum: Tangent on wing rib 1 horizontal

Maximum speeds

	Knots	Kph
VNE	86	160
Rough air	65	120
Manoeuvre		

	Knots	Kph
Aerotow	65	120
Winch / auto tow	50	93
Airbrakes open	86	160

Max winch weak link 850 kg (Brown)

Tyre pressure: Main psi (Bar), rear psi (bar).

Non aerobatic - Cloud flying prohibited

Span 16 meters

This sheet compiled by: Date: Tim Macfadyen 10 July 2003